Track Star Assignment Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Go to trackstar.4teachers.org

On the right hand side of the screen, enter Track # 423637 and begin. Fill in the blanks on this sheet to let me know that you worked each track.

Track #1

In this applet, you must build 3-d shapes. The button will turn yellow when you build the shape correctly and it will turn green when you build it with as few blocks as possible. For each design, you must get yellow (extra points for green) Tell me your score for each design.

1) 2) 3) 4) 5)

6) 7) 8) 9) 10)

Track #2

In this applet, you must color the indicated side of a 3-d shape. Complete all 20 to pass this track.

I completed all 20 shapes. I received \_\_\_\_\_\_\_\_\_\_ green circles \_\_\_\_\_\_ green circles surrounded by red, and \_\_\_\_\_\_\_\_\_ red circles.

Track #3

A platonic solid is a solid (3-d shape) that is made of ONLY regular polygons. There are only FIVE platonic solids.

|  |  |  |
| --- | --- | --- |
| Name of Shape | Number of Faces | Type of regular polygon on each face |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Track #4

First Click Building with Blocks.

Then choose copy the building.  Choose a building to copy. Which one did you choose? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ How many blocks did it take? \_\_\_\_\_\_\_\_

Track #5

Rotate the houses until you get the view that is shown.

I received \_\_\_\_\_\_\_\_\_\_ green circles \_\_\_\_\_\_ green circles surrounded by red, and \_\_\_\_\_\_\_\_\_ red circles.

Track #6

Rotate until you get the indicated view. I received \_\_\_\_\_\_\_\_\_\_ green circles \_\_\_\_\_\_ green circles surrounded by red, and \_\_\_\_\_\_\_\_\_ red circles